

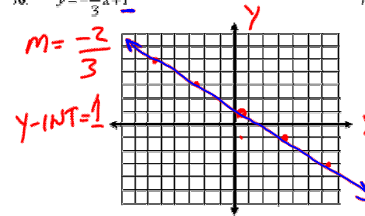
# Graphing Lines

Remember:

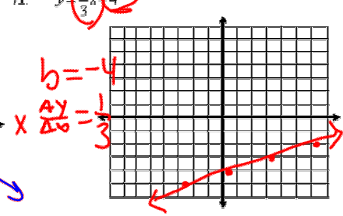
$$y = mx + b \quad \text{where } m = \text{slope and } b = \text{y-intercept}$$

$$x = \# \text{ (vertical lines)} \quad y = \# \text{ (horizontal lines)}$$

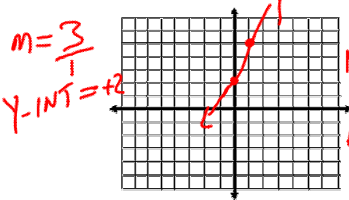
70.  $y = -\frac{2}{3}x + 1$



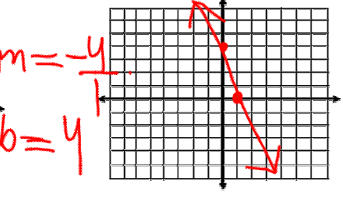
71.  $y = \frac{1}{3}x - 4$



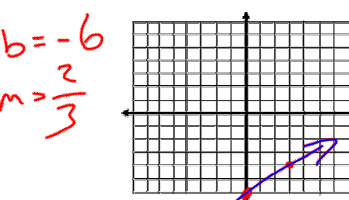
72.  $y = 3x + 2$



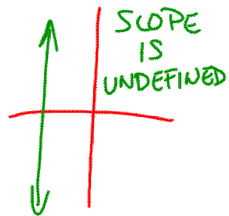
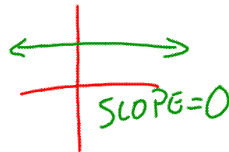
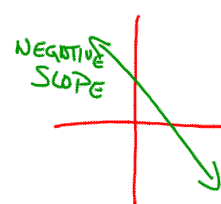
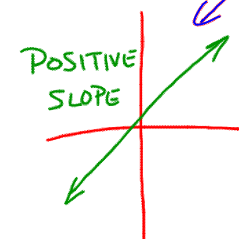
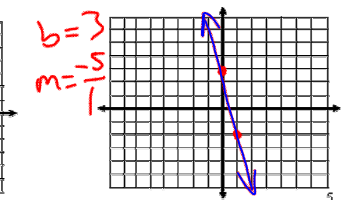
73.  $y = -4x + 4$



74.  $y = \frac{2}{3}x - 6$

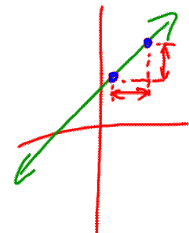


75.  $y = -5x + 3$

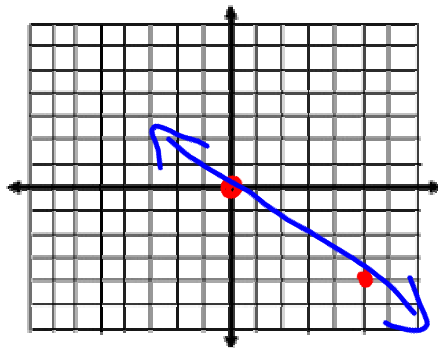


$$y = mx + b$$

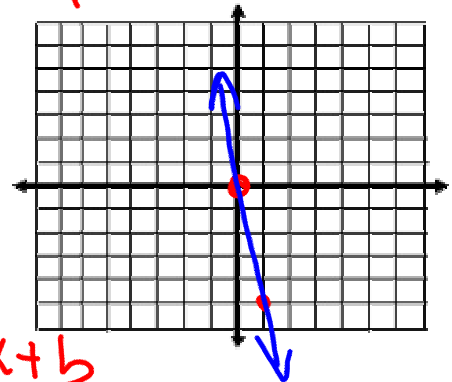
$$\text{SLOPE} = \frac{\Delta y}{\Delta x} = \frac{\text{RISE}}{\text{RUN}} = \frac{\updownarrow}{\leftrightarrow}$$



76.  $y = -\frac{4}{5}x + 0$



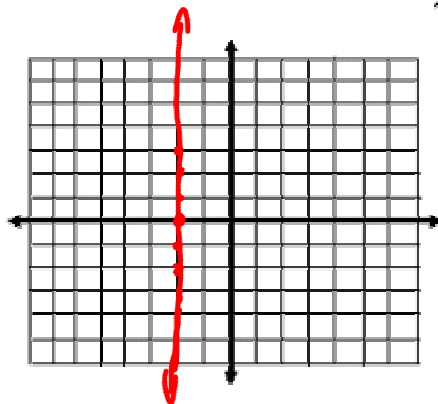
77.  $y = -\frac{5}{1}x + 0$



$y = mx + b$

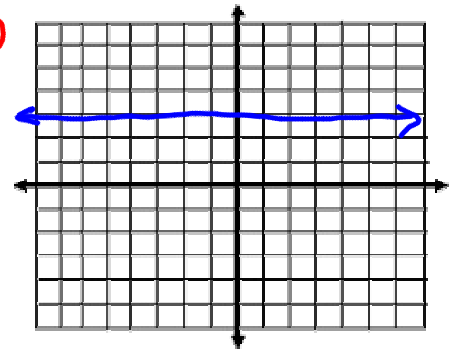
78.  $x = -2$

x	y
-2	0
	1
	2
	3
	4

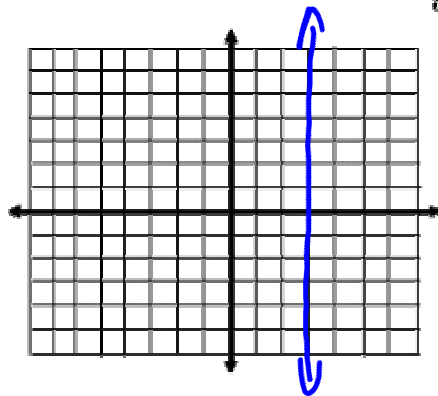


79.  $y = 3$

$m = 0$



80.  $x = 3$



81.  $y = -1$

